PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

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Applicant's or agent's file reference PH/8318INT	**FOR FURTHER ACTION** See Form PCT/IPEA/416	
International application No. PCT/IB 2003/006379	International filing date *(day/month/year)* 26-11-2003	Priority date *(day/month/year)* 11-12-2002

International Patent Classification (IPC) or national classification and IPC

G06F 9/40, G06F 9/22,G06F 9/30

Applicant

NOKIA CORPORATION et al

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 4_____ sheets, including this cover sheet.

3. This report is also accompanied by ANNEXES, comprising:

   a. ☐ *(sent to the applicant and to the International Bureau)* a total of _____ sheets, as follows:

      ☐ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).

      ☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.

   b. ☐ *(sent to the International Bureau only)* a total of (indicate type and number of electronic carrier(s))

      _____ , containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

4. This report contains indications relating to the following items:

   ☒ Box No. I   Basis of the report

   ☐ Box No. II   Priority

   ☐ Box No. III   Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

   ☐ Box No. IV   Lack of unity of invention

   ☒ Box No. V   Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

   ☐ Box No. VI   Certain documents cited

   ☐ Box No. VII   Certain defects in the international application

   ☐ Box No. VIII   Certain observations on the international application

Date of submission of the demand 24-06-2004	Date of completion of this report 08-09-2004
Name and mailing address of the IPEA/SE Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM Facsimile No. +46 8 667 72 88	Authorized officer Behroz Moradi /itw Telephone No. +46 8 782 25 00

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY	International application No.
	PCT/IB 2003/006379

Box No. I	Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This report is based on a translation from the original language into the following language _____ , which is the language of a translation furnished for the purposes of:

☐ international search (under Rules 12.3 and 23.1(b))

☐ publication of the international application (under Rule 12.4)

☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):*

☒ the international application as originally filed/furnished

☐ the description:

pages _____ as originally filed/furnished

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☐ the claims:

pages _____ as originally filed/furnished

pages* _____ as amended (together with any statement) under Article 19

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☐ the drawings:

pages _____ as originally filed/furnished

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/figs _____

☐ the sequence listing *(specify)*: _____

☐ any table(s) related to the sequence listing *(specify)*: _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/figs _____

☐ the sequence listing *(specify)*: _____

☐ any table(s) related to the sequence listing *(specify)*: _____

* *If item 4 applies, some or all of those sheets may be marked "superseded."*

Box No. V   **Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1.   **Statement**

Novelty (N)	Claims	1-27	YES
	Claims		NO
Inventive step (IS)	Claims	1-27	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-27	YES
	Claims		NO

2.   **Citations and explanations (Rule 70.7)**

Cited documents in the International Search Report:

D1: US 6347398 B1
D2: EP 1050813 A2
D3: WO 0113257 A1
D4: US 6609128 B1 (published 19 august 2003).

D1 describes an automatic software locating method in computer network, involves recognizing usage availability of object class identifier and URL, based on which searching is carried out by mail extension or network search path. The object class identifier assigned with respect to software, is identified. When identifier is not recognized, the appropriate object class identifier is selected using multipurpose Internet mail extension associated with the software, to locate the software components. The URL used to locate the software is identified. When URL is not identified, predetermined network search path is used. It uses for locating desired software component in computer network such as Internet, intranet. Also for set top boxes used with television network computers, satellite receiver boxes, digital personal assistants, wireless communication devices.

D2 describes a platform server method for implementing deployment descriptions in enterprise environment involves creating application obtaining application component deployment descriptor with information of application component deployment. The method creates application and application deployment descriptor, packages application in archive and deploys application packaged in archive.

.../...

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: Box V

It creates application obtaining application component deployment descriptor with information of application component deployment Descriptor has data identifying application component and packages component and descriptors and deploys application. It is a method for implementing deployment descriptions in an enterprise environment. The method provides an enterprise system allowing new services to be efficiently deployed and eliminating the need for a developer to code specific interactions between system services.

D3 describes a distributed system for computer interaction, includes remote computer which executes control application by referring corresponding capability set definition library. A device with a computing unit executes a client application by referring to a client capability set definition library located in the device. A remote computer executes a control application by referring to corresponding capability set definition library residing in the computer. It uses for enhancing capabilities of personal computing devices e.g. PDAs, PCs, hand held computers and computer enabled industrial devices such as controllers e.g. lift controllers, programmable logic controllers. The capability set definition library is formulated according to volume of communication traffic, hence local network with high-bandwidth and reliable communication system is realized also higher volume of data comprising codes is tolerated by the system.

The invention defined in claims 1-27 is not disclosed by any of these documents. The cited prior art does not give any indication that would lead a person skilled in the art to an application descriptor describing an application available for Download and comprising: a first data element having a first data portion; a second data element identifying the application; and a plurality; of third data elements, each of which has an individual locale identifier portion and a second data portion related to its individual locale identifier portion. Therefore, the invention defined in claims 1-27 is not obvious to a person skilled in the art. Accordingly, the invention defined in claims 1-27 is novel and is considered to involve an inventive step. The invention defined in claims 1-27 is industrially applicable.